

Appendix G

USEPA and NHDES Drinking Water Standards

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Contaminant	Regulation	Status	USEPA MCL (mg/l)	NHDES MCL (mg/l)
Organics				
Acrylamide	Phase II	Final	TT	
Alachor	Phase II	Final	0.002	0.002
Atrazine	Phase II	Final	0.003	0.003
Benzene	Phase I	Final	0.005	0.005
Benzo (a) pyrene	Phase V	Final	0.0002	
Carbofuran	Phase II	Final	0.04	0.04
Carbon tetrachloride	Phase I	Final	0.005	0.005
Chlordane	Phase II	Final	0.002	0.002
2,4-D	Phase II	Final	0.07	0.07
Dalapon	Phase V	Final	0.2	0.2
Di (2-ethylhexyl) adipate	Phase V	Final	0.4	0.4
Di (2-ethylhexyl) phthalate	Phase V	Final	0.006	0.006
Dibromochloropropane (DBCP)	Phase II	Final	0.0002	
p-Dichlorobenzene	Phase I	Final	0.075	
o-Dichlorobenzene	Phase II	Final	0.6	
1,2-Dichloroethane	Phase I	Final	0.005	
1,1-Dichloroethylene	Phase I	Final	0.007	
cis-1,2-Dichloroethylene	Phase II	Final	0.07	
trans-1,2-Dichloroethylene	Phase II	Final	0.1	0.1
Dichloromethane (methylene chloride)	Phase V	Final	0.005	0.005
1,2-Dichloropropane	Phase II	Final	0.005	0.005
Dinoseb	Phase V	Final	0.007	0.007
Diquat	Phase V	Final	0.02	0.02
Endothall	Phase V	Final	0.1	0.1
Endrin	Phase V	Final	0.002	0.002
Epichlorohydrin	Phase II	Final	TT	
Ethylbenzene	Phase II	Final	0.7	0.7
Ethylene dibromide (EDB)	Phase II	Final	0.00005	0.00005
Glyphosate	Phase V	Final	0.7	0.7
Heptachlor	Phase II	Final	0.0004	0.0004
Heptachlor epoxide	Phase II	Final	0.0002	0.0002
Hexachlorobenzene	Phase V	Final	0.001	
Hexachlorocyclopentadiene	Phase V	Final	0.05	
Lindane	Phase II	Final	0.0002	0.0002
Methoxychlor	Phase II	Final	0.04	0.04
Monochlorobenzene	Phase II	Final	0.1	0.1
Oxamyl(vydate)	Phase V	Final	0.2	0.2
Pentachlorophenol	Phase II	Final	0.001	0.001
Picloram	Phase V	Final	0.5	0.5
Polychlorinated byphenyls (PCBs)	Phase II	Final	0.0005	
Simazine	Phase V	Final	0.004	0.004
Styrene	Phase II	Final	0.1	0.1

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2,3,7,8-TCDD (dioxin)	Phase V	Final	3E-08	0.00000003
Tetrachloroethylene	Phase II	Final	0.005	0.005
Toluene	Phase II	Final	1.0	1
Toxaphene	Phase II	Final	0.003	0.003
2,4,5-TP (silvex)	Phase II	Final	0.05	0.05
1,2,4-Trichlorobenzene	Phase V	Final	0.07	0.07
1,1,1-Trichloroethane	Phase I	Final	0.2	0.2
1,1,2-Trichloroethane	Phase V	Final	0.005	0.005
Trichloroethylene	Phase I	Final	0.005	0.005
Total haloacetic acids	Phase II	Final	0.04	
Total trihalomethanes	Phase II	Final	0.03	
Vinyl chloride	Phase I	Final	0.002	0.002
Xylenes (total)	Phase II	Final	10	10
Inorganics				
Antimony	Phase V	Final	0.006	0.006
Arsenic	Final	Final	0.01 ⁽¹⁾	0.05
Asbestos (fibers/l>μm)	Phase II	Final	7 MFL	7 MFL
Barium	Phase II	Final	2.0	2.0
Beryllium	Phase V	Final	0.004	0.004
Cadmium	Phase II	Final	0.005	0.005
Chromium (total)	Phase II	Final	0.1	0.1
Copper	Lead and Copper	Final	TT	1.3 ppb
Cyanide	Phase V	Final	0.2	0.2
Fluoride	Fluoride	Final	4.0	4.0
Lead	Lead and Copper	Final	TT	0.15
Mercury	Phase II	Final	0.002	0.002
Nickel	Phase V	Final	0.1	0.1
Nitrate (as N)	Phase II	Final	10	10
Nitrite (as N)	Phase II	Final	1.0	1.0
Nitrate + nitrite (both as N)	Phase II	Final	10	
Selenium	Phase II	Final	0.05	0.05
Sodium	---	Final	---	
Thallium	Phase V	Final	0.002	0.002
Microbials				
<i>Giardia lamblia</i>	SWTR	Final	TT	
<i>Legionella</i>	SWTR	Final	TT	
Standard plate count	SWTR	Final	TT	
Total coliforms	TCR	Final	**	Absence
Turbidity	SWTR	Final	PS	1 NTU
Viruses	SWTR	Final	TT	

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Secondary Drinking Water Standards				
Aluminum	---	---	0.05-0.2	
Chloride	---	---	250	
Color	---	---	---	
Copper	---	---	---	1.3 ppb
Corrosivity	---	---	---	
Hardness, Total	---	---	---	
Alkalinity, Total	---	---	---	
Fluoride	---	---	2.0	4.0
Foaming Agents	---	---	0.50	
Iron	---	---	0.30	
Manganese	---	---	0.05	
Odor, Threshold Units	---	---	3 TON	
pH	---	---	6.5 - 8.5	
Silver	---	---	0.10	
Sulfate	---	Final	250	
Total Dissolved Solids	---	---	500	
Zinc	---	---	5.0	
TOC	Unregulated			
Hydrogen Sulfide	Unregulated			
Radionuclides				
Alpha Emitters (I)	Interim	Final	15 pCi/L	
Beta Particle and Photon Emitters (I)	Interim	Final	4 mrem/yr	
Radon (P)	Proposed	With-drawn	300 pCi/L	5 piC/I
Radium 226 & 228 (I)	Interim	Final	5 pCi/L	
Radium 226 (P)	Proposed	Proposed	20 pCi/L	
Radium 228 (P)	Proposed	Proposed	20 pCi/L	
Uranium (P)	Proposed	Proposed	0.03	
Interim (I) and Proposed (P) Standards for Disinfection/ Disinfection By-Products	Proposed			
Bromite (P)	Proposed	Proposed	0.10	
Bromoacetic Acid (P)	Phase I	Proposed	See THAAs	
Bromodichloromethane (P)	Phase I	Proposed	See TTHMs	
Bromoform (P)	Phase I	Proposed	See TTHMs	
Chlorine Dioxide (P)	Proposed	Proposed	0.8 (as ClO ₂)	
Chloral Hydrate (P)	Proposed	Proposed	TT	
Chloroacetic Acid (P)	Phase I	Proposed	See THAAs	

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Chloroform (P)	Phase I	Proposed	See TTHMs	
Dibromoacetic Acid (P)	Phase I	Proposed	See TTHMs	
Dibromochloromethane (P)	Phase I	Proposed	See TTHMs	
Dichloroacetic Acid (P)	Phase I	Proposed	See TTHMs	
Trichloroacetic Acid (P)	Phase I	Proposed	See THAAs	
THAA (Total Haloacetic Acids)	Phase I	---	0.06 RAA	
THAA (Total Haloacetic Acids) (P)	Phase II	Proposed	0.06 RAA 0.08 LRAA (Stage I) Future: 0.06 LRAA	
TTHM (Total Trihalomethanes)	Phase I	---	0.08 RAA	
TTHM (Total Trihalomethanes) (P)	Phase II	Proposed	0.08 RAA 0.10 LRAA (Stage I) Future: 0.08 LRAA	

Notes:

1. USEPA Drinking Water Standards published in AWWA Journal.
2. Turbidity Reported in NTU's.
3. Required level of treatment is associated with treatment technique (TT).
4. FF - Free From.
5. PS - Performance Standard 0.5 - 1.0 NTU.
6. ** - No more than five (5) percent of the samples per month may be positive.
7. *** - May be greater if no other maximum contaminant level is exceeded.
8. SWTR - Surface Water Treatment Rule. (Not applicable).
9. TCR - Total Coliform Rule.
10. BDL - Below Detection Limit.
11. The arsenic rule was recently changed
12. Likely to be based on locational averages.